**Action Plan:**

To Conduct a Research on the Impact of Educational Technology in MAKBAYAN Classes through the measure of the mental abilities of Elementary Graders in Selected Elementary Schools in Iligan City.

## What are your key goals?

To perform a research study in determining the effect of the use of educational technology in physical education through the measure of mental abilities of students in the elementary years.

## What instructional strategies and tasks you will use to achieve your goals?

The instructional strategies or the events of instruction that will be used during the intervention, are designed to increase the mental abilities of the graders are:

1. Gaining attention
2. Informing learner of objectives
3. Stimulating recall of prior learning
4. Presenting the stimulus material or by using educational technology in presenting the a lesson
5. Providing learning guidance
6. Eliciting the performance
7. Providing feedback about performance correctness
8. Assessing the performance
9. Enhancing retention and transfer

## What challenges do you anticipate? What are your solutions to these challenges?

There will be several challenges for this study and the possible solutions are indicated below it.

- Classroom Behavior/Discipline  
- Unmotivated or uninterested students  
- Unsupportive parents or Parents that tend to disagree the teaching style   
- Expertise on the operational system of the educational technology

-Maintenance of the educational technology devices/tools  
  
**Possible solutions to these challenges are:**- Proper Classroom management

- Using varied teaching style for the diverse learners  
- Proper orientation on the parents   
- Training on the operational system of the educational technology being used  
- Proper orientation to the students on handling the educational technology devices/tools.

## What is your timeline for achieving your goals both in the short and long term? How will you display this information?

**The timeline for this research study:**

April-May = Seminar regarding the new teaching style in MAKBAYAN and fundamental training on the utilization/ application of the educational technology being used.

June- August = Application on the new teaching style by the used of educational technology

September - November = Evaluation

December-March = Eliciting the performance and then providing feedback about performance correctness. Enhancing or improving the teaching style to reach the goal.

## What resources will you use? Consider the Internet sites you identified, the activity products you created and the colleagues you met.

The resources to be employed for the whole period of MAKBAYAN per section in every grade level in a school are the following:

* Film showing
* Projection of images/pictures
* Charts
* Power point presentation
* Internet with selected sites

After the respondents have undergone through the above-mentioned activities, they will be assessed according to their mental abilities.

## How will you organize your presentation? What will be the beginning, middle, end?

The beginning of the presentation will be about the orientation of the new teaching style that will be used, the middle part will be the application and the end part will be on the eliciting of the performance of the learner and then providing feedback about performance correctness. Enhancing or improving the teaching style to reach the goal.

## What software applications will you use to create your presentation? What pictures, tables, and documents might you design in Microsoft Word? What type of presentation would you build in Microsoft PowerPoint? What worksheets and charts might you make in Microsoft Excel?

I will make use of MS PowerPoint for the presentation. MS Word for the full detail of the program and the content of the lessons. MS Excel for the evaluation of the result by the used of different charts, like Gantt chart and line graph for the scores achieved by the students.

## How long will it take to create your presentation? What is the sequence in which the steps must be completed?

It is just easy for me to prepare a PowerPoint presentation but the content of it requires a lot of time since lesson will presented will be extremely analyze, evaluated and reviewed. In making PowerPoint presentation, I will just follow the proper steps in our training to have an effective power point.

## How will you engage your audience and convince them that applying technology literacy and 21st century teaching and learning skills and approaches will enhance your productivity and professional practices in your classroom?

I will engage the audience and convince that applying technology literacy and 21st century teaching and learning skills will enhance the learner’s mental abilities, interests on the lessons, productivity and for students can have experience of the new technology. It can also enhance professional practices in the classroom by presenting to them educational technology materials and lots of activities that they can use or utilize the materials/devices for them to experience it which makes them to be involved of 21st teaching and learning skills.